Inference at $*$
of proof for Lemma fseg_wf:

$\vdash \forall T$:Type, L_1, L_2:$(T$ List). fseg$(T;L_1;L_2) \in \mathbb{P}$
  by ((Unfold 'fseg' (0)$\cdot$)
  CollapseTHEN (Auto$\cdot$))$\cdot$

  .